

**MODELING A LOGIC DESIGN**

**ABSTRACT**

5 Modeling a logic design includes displaying a menu  
comprised of different types of functional block diagrams,  
receiving an input selecting one of the different types of  
functional block diagrams, retrieving a selected functional  
block diagram, and creating a graphical representation of a  
10 logic design using the selected functional block diagram.  
The graphical representation is created by interconnecting  
the selected functional block diagram with one or more other  
functional block diagrams to generate a model of a logic  
design and defining the selected functional block diagram  
15 using simulation code if the functional block diagram is  
undefined when retrieved.